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Express Mail No.: EU056160649US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Zabrecky and Monks	Confirmation No.:	9733
Serial No.:	10/789,220	Art Unit:	1645
Filed:	February 27, 2004	Examiner:	To Be Assigned
For:	Use of Lectins to Promote Oligomerization of Glycoproteins and Antigenic Molecules	Attorney Docket No:	8449-333-999

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.56 AND 1.97**

Commissioner for Patents  
P. O. Box 1450  
Washington, D.C. 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 and § 1.97 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to the references listed on the attached form entitled "List of References Cited by Applicant." Legible copies of references B01-B06, and C01-C24 are submitted herewith. Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the listed references and that the references be made of record in the file history of the application.



Pursuant to 37 C.F.R. §1.97(b), since this information disclosure statement is being filed before the mailing date of a first Office Action on the merits, no fee is due in connection herewith. However, should the Patent Office determine otherwise, please charge the required fee to Jones Day deposit account no. 50-3013; a duplicate of this sheet is enclosed.

Respectfully submitted,

Date: May 17, 2005

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## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

ATTY DOCKET NO.

8449-333-999

APPLICATION NO.

10/789,220

APPLICANT

Zabrecky and Monks

FILING DATE

February 27, 2004

GROUP

1645

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01	4,526,871	7/2/1985	Avrameas et al.			
	A02	5,750,119	4/12/1998	Srivastava			
	A03	5,837,251	11/17/1998	Srivastava			
	A04	5,985,270	11/16/1999	Srivastava			
	A05	6,030,618	2/29/2000	Srivastava			
	A06	10/506,097	8/26/2004	Zabrecky et al.			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01	WO 95/24923	9/21/1995	PCT				
	B02	WO 96/10411	4/11/1996	PCT				
	B03	WO 97/10000	3/20/1997	PCT				
	B04	WO 97/10001	3/20/1997	PCT				
	B05	WO 97/10002	3/20/1997	PCT				
	B06	WO 03/072595	9/04/2003	PCT				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	C01	Basu et al., "CD91 is a common receptor for heat shock proteins gp96, hsp90, hsp70, and calreticulin", Immunity 14:303-313 (2001)
	C02	Becker et al., "The covalent and three-dimensional structure of concanavalin A. III. Structure of the monomer and its interactions with metals and saccharides", J. Biol. Chem. 250:1513-1524 (1975)
	C03	Binder et al., "CD91: a receptor for heat shock protein gp96", Nature Immunol. 1:151-155 (2000)
	C04	Blachere et al., "Heat shock protein-peptide complexes, reconstituted in vitro, elicit peptide-specific cytotoxic T lymphocyte response and tumor immunity", J. Exp. Med. 186:1315-1322 (1997)
	C05	Deshmukh et al., "Immunogene therapy with interleukin-2-secreting fibroblasts for intracerebrally metastasizing breast cancer in mice", J. Neurosurg. 94:287-292 (2001)
	C06	McKenzie et al., "The molecular weight and stability of concanavalin A", Biochim. Biophys. Acta 263:283-293 (1972)
	C07	Scott et al., "A family of concanavalin A-binding peptides from a hexapeptide epitope library" Proc. Natl. Acad. Sci. 89:5398-5402 (1992)
	C08	Sharon and Lis, "Lectins: cell-agglutinating and sugar-specific proteins", Science 177:949-959 (1972)
	C09	Sharon, "Lectin-carbohydrate complexes of plants and animals: an atomic view", Trends Biochem Soc. 18:221-226 (1993)
	C10	Srinivas et al., "Legume lectin family, the 'natural mutants of the quaternary state', provide insights into the relationship between protein stability and oligomerization", Biochim. Biophys. Acta 1527:102-111 (2001)
	C11	Srivastava et al., "Tumor rejection antigens of chemically induced sarcomas of inbred mice", Proc. Natl. Acad. Sci. USA 83:3407-3411 (1986)
	C12	Srivastava et al., "Chromosomal assignment of the gene encoding the mouse tumor rejection antigen gp96", Immunogenetics 28:205-207 (1988)
	C13	Srivastava and Old, "Individually distinct transplantation antigens of chemically induced mouse tumors", Immunol. Today 9:78-83 (1988)

C14	Srivastava and Maki, "Stress-induced proteins in immune response to cancer", Curr. Top. Microbiol. Immunol. <u>167</u> :109-123 (1991)
C15	Srivastava, "Peptide-binding heat shock proteins in the endoplasmic reticulum: role in immune response to cancer and in antigen presentation", Adv. Cancer Res. <u>62</u> :153-177 (1993)
C16	Srivastava et al., "Heat shock proteins transfer peptides during antigen processing and CTL priming", Immunogenetics <u>39</u> :93-98 (1994)
C17	Srivastava et al., "Heat shock proteins come of age: primitive functions acquire new roles in an adaptive world", Immunity <u>8</u> :657-665 (1998)
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C19	Suto and Srivastava, "A mechanism for the specific immunogenicity of heat shock protein-chaperoned peptides", Science <u>269</u> :1585-1588 (1995)
C20	Udono and Srivastava, "Heat shock protein 70-associated peptides elicit specific cancer immunity", J. Exp. Med. <u>178</u> :1391-1396 (1993)
C21	Udono and Srivastava, "Comparison of tumor-specific immunogenicities of stress-induced proteins gp96, hsp90, and hsp70", J. Immunol. <u>152</u> :5398-5403 (1994)
C22	Udono et al., "Cellular requirements for tumor-specific immunity elicited by heat shock proteins: tumor rejection antigen gp96 primes CD8+ T cells in vivo", Proc. Natl. Acad. Sci <u>91</u> :3077-3081 (1994)
C23	Ullrich et al., "A mouse tumor-specific transplantation antigen is a heat shock-related protein", Proc. Natl. Acad. Sci. <u>83</u> :3121-3125 (1986)
C24	Wang et al., "The covalent and three-dimensional structural of concanavalin A. I. Amino acid sequence of cyanogen bromide fragments F1 and F2", J. Biol. Chem. <u>250</u> :1490-1502 (1975)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.